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Approved For Release 2001/08/13 : CIA-RDP78B04747A002300060009-2

IAD/OSS - 38/66
25 January 1966

MEMORANDUM FOR: Assistant for Plans & Development, NPIC

25X1A ATTENTION : [redacted]

FROM : Chief, Imagery Analysis Division, CIA

25X1A SUBJECT : Evaluation of [redacted] Projected Scale Micrometer, Model II

REFERENCE : P&DS Project No. 99723-5

25X1A 1. This memorandum is in confirmation of the verbal comments made by [redacted] OSS/IAD, to [redacted] of your staff, regarding the [redacted] Projected Scale Micrometer, Model II.

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25X1A 2. This device was evaluated by a number of IAD analysts, representative of all IAD branches, and the following comments are submitted for your consideration:

a. The reticule is very clear and the addition of the counter aids greatly in reading distances. The readings being made directly in feet is a desirable feature.

b. The lamp housing which provides illumination for the reticule tends to become excessively hot during sustained use.

c. A slight slippage was noticed in the drum dividing each rotation into 100 parts.

d. Too much margin for error in ascertaining the proper alignment of the plane of the reticule with that of the photograph.

e. The micrometer screw drive knob is very stiff--precluding very fine measurements.

f. The half inch movement limitation and the awkward procedure necessary to cause the present bisecting line to travel from one object to another could be improved.

g. The instruction booklet accompanying the gear is very poorly written, and would be improved by the addition of a keyed photograph or line drawing of the instrument illustrating each of the operational parts.

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3. As you are aware, the IAD presently has several of the [redacted]
25X1A [redacted] Projected Scale Micrometers, Model I. These units are not presently receiving the use we had anticipated. Although in general the Model II shows improvement over the Model I, the IAD requirement for this type mensuration equipment is not sufficient to justify further developments or procurement at this time.

4. As always, the IAD appreciates the opportunity of evaluating developmental items submitted to it by the Plans & Development Staff, and the efforts of the P&DS on IAD's behalf.

[redacted]

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